

## Abstract

5 A method and system for communicating delay sensitive  
data packets over the same link as less sensitive data  
packets, where the packets are divided into smaller  
segments prior to the transmission, where each data  
packet is assigned a priority, and where a high priority  
10 priority data packet may interrupt the transmission of a low  
priority data packet; a re-assembly scheme for an  
efficient re-assembly of data packets from the segments  
at the receiver and schemes for efficient recovery from  
transmission errors.

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